

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	Not Yet Assigned (Continuation of U.S. Application No. 09/473,708)
Confirmation Number	Not Yet Assigned
Filing Date	April 12, 2004
First Named Inventor	Hideki HAYASHIDA, et al.
Art Unit	1786 (parent)
Examiner Name	Robert Kunemund (parent)
Attorney Docket Number	Q81061

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
[Signature]		US 3,931,631		1-1976	Groves et al
		US 4,001,056		1-1977	Groves et al
		US 5,716,588		2-1998	Vergani et al
		US 5,831,277		11-1998	Razeghi
		US 5,834,331		1-1976	Razeghi
		US			
		US			
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>4</sup>
		Country Code <sup>3</sup>	Number <sup>3</sup>	Kind Code <sup>2</sup> (if known)			
[Signature]		JP	09-251957		09-22-1997		
		EP	0 662 339	A2	01-09-1995		
		JP	08-201370		08-09-1996		Abstract
		JP	09-142833		06-03-1997		Abstract

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>4</sup>
[Signature]		Patent Abstract of Japan, JP 09-251957, dated 9/22/1997	
[Signature]		Hiebuh et al, "Electrical and Optical Properties of Oxygen Doped GaN Grown by MOCVD using N2O", Journal of Electronic Materials, vol. 26, no. 10 (10/1997)	

Examiner Signature

Date Considered

6/4/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the instrument. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

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Sheet

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of

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**Complete if Known**

Application Number	10/821,944
Confirmation Number	2372
Filing Date	April 12, 2004
First Named Inventor	HAYASHIDA, Hideki
Art Unit	1765
Examiner Name	Not yet assigned.
Attorney Docket Number	Q81061

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>a</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>a</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
		WO	96/39265	A1	12-12-1996	Startec Ventures, Inc.	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>a</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		CLEAN TECHNOLOGY, Vol. 8, No. 4 (1998), pp. 52-53	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

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